

Amendments to the Claims

The following listing of claims replaces all prior listings, and all prior versions, of claims in the application.

Listing of Claims

1. (previously presented) A prosthetic foot comprising:
 - a continuously longitudinally extending foot keel having longitudinally aligned forefoot raised midfoot, and hindfoot portions;
 - a resilient, monolithically formed shank extending upwardly from the raised midfoot portion of foot keel, by way of an anterior facing continuous convexly curved surface which extends over at least most of the length of the shank and has increasing radius of curvature defining an ankle joint area and a curvilinear prosthetic part of a leg extending substantially upward above human ankle joint height and the ankle joint area, the shank having a proximal portion for connection with a lower extremity prosthetic structure adapted to be secured to a person's residual limb;
 - wherein the ankle joint area and the prosthetic part of a leg formed by the shank are anterior facing convexly curved and provide means for sagital, anterior dorsiflexion and, posterior plantarflexion motion capabilities in response to a ground reaction force created in a person's gait in the prosthetic foot;
 - wherein the shank and the entire foot keel are monolithically formed; and wherein the anterior facing continuous convexly curved surface extends the entire length of the ankle joint area and curvilinear prosthetic part of a leg defined by the shank.

2. 5. (cancelled)

6. (previously presented) The prosthetic foot according to claim 1, further comprising an adapter connected to the proximal portion of the shank for use in connecting the prosthetic foot to a lower extremity prosthetic structure secured to a person's residual limb.

7. (previously presented) The prosthetic foot according to claim 1, wherein the anterior facing continuous convexly curved surface extends the entire length of the shank.

8. (canceled)

9. (original) The prosthetic foot according to claim 1, wherein the monolithically formed shank and foot keel are formed of metal.

10. (currently amended) A prosthetic foot comprising:
a continuously longitudinally extending foot having longitudinally aligned forefoot, raised midfoot, and hindfoot portions;
an ankle;
an elongated, upstanding shank adapted to extend above human ankle joint height and the ankle;
wherein the ankle, shank, and the entire foot are monolithically formed as a resilient member for improving the dynamic response of the prosthesis prosthetic

foot, the resilient member in the area of the ankle and shank being anterior facing convexly curved over the entire length of the ankle and shank of the resilient member above the foot, wherein the ankle extends upwardly from the raised midfoot portion of the foot, wherein the radius of curvature of the anterior facing convexly curved resilient member increases progressively as the resilient member extends upwardly from the foot, and wherein the resilient member provides means for sagital, anterior dorsiflexion and posterior plantarflexion motion capabilities in response to a ground reaction force created in a person's gait in the prosthesis_prosthetic foot.

11. (currently amended) The prosthesis_prosthetic foot according to claim 10, wherein the foot includes a continuously longitudinally extending foot keel which is monolithically formed with the ankle and shank as said resilient member.

12. - 14. (cancelled)

15. (currently amended) The prosthesis_prosthetic foot according to claim 10, further comprising an adapter connected to a proximal portion of the resilient member for use in connecting the prosthesis_prosthetic foot to a lower extremity prosthetic socket on a person's leg stump.

16. (currently amended) The prosthesis_prosthetic foot according to claim 10, wherein the shank above the ankle is substantially curvilinear in the direction of the longitudinal extent of the foot.

17. (canceled)

18. (currently amended) The ~~prosthesis~~prosthetic foot according to claim 10, wherein the resilient member is formed of metal.

19. - 22. (canceled)

23. (previously presented) The prosthetic foot according to claim 1, wherein the monolithically formed shank and foot keel are formed of resilient material.

24. (currently amended) The ~~prosthesis~~prosthetic foot according to claim 10, wherein the resilient member is formed of plastic.

25. (previously presented) The prosthetic foot according to claim 1, wherein the width of the resilient shank in the frontal plane in the prosthetic foot is greater than the thickness of the shank in the sagittal plane throughout the entire length of the shank such that the shank, in response to a ground reaction force created in the prosthetic foot in gait, flexes substantially in the longitudinal direction of the foot keel for storing, releasing and directing energy in a longitudinal direction to improve dynamic response of the prosthetic foot.

26. (currently amended) The ~~prosthesis~~prosthetic foot according to claim 10, wherein the width of the resilient member in the frontal plane in the ~~prosthesis~~prosthetic foot is greater than the thickness of the resilient member in the sagittal

plane throughout the entire length of the resilient member such that the resilient member, in response to a ground reaction force created in the prosthesis-prosthetic foot in gait, flexes substantially in a longitudinal direction of the foot, for storing, releasing and directing energy in a longitudinal direction to improve dynamic response of the prosthesis prosthetic foot.